19-18- MAP7 Rec'd PCT/PTO 15 SEP 2004

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MC1-8344

ATTORNEY'S DOCKET NUMBER TER TO THE UNITED **DESIGNATED/ELECTED OFFICE** (DO/EO/US) CONCERNING A

**SUBMISSION UNDER 35 U.S.C. 371** 

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)

•n/593106

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INTERNATIONAL APPLICATION NO. PCT/GB2005/050033			INTERNATIONAL FILING DATE 15 MARCH 2005	PRIORITY DATE CLAIMED  15 MARCH 2004	
TITLEO	F INVENT		15 14 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15		
			D METHODS USING PLASMONS		
		R DO/EO/US			
ANDREY	w Mark	Shaw			
Applicar  1.	nt herewith	h submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C.371.			
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.			
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indicated below.			
4.	$\boxtimes$	The US has been elected (Article 31).			
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371(c)(2)).			
		a. is attached	d hereto (required only if not communicate	ed by the International Bureau).	
		b. has been	communicated by the International Bureau	l <b>.</b>	
		c. is not requ	uired, as the application was filed in the U	nited States Receiving Office (RO/US).	
6.	$\boxtimes$	An English language translati	ion of the International Application as filed	d (35 U.S.C. 371(c)(2)).	
		a. is attache			
		b. has been	previously submitted under 35 U.S.C. 154	(d)(4).	
7.		Amendments to the claims of	the International Application under PCT	Article 19 (35 U.S.C. 371(c)(3)).	
		a. are attach	ned hereto (required only if not communicate	ated by the International Bureau).	
			n communicated by the International Burea		
		<u> </u>	been made; however, the time limit for ma	king such amendments has NOT expired.	
			been made and will not be made.	DOT 4 11 10 (25 H C C 271(-)(2))	
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).			
Items 1	1 to 20 be	elow concern document(s) or i	information included:		
11.	X	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
13.	$\boxtimes$	A preliminary amendment.			
14.		An Application Data Sheet under 37 CFR 1.76.			
15.		A substitute specification.			
16.		A power of attorney and/or change of address letter.			
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.			
18.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).			
10		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).			

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## IAP9/Rec'd PCT/PTO 15 SEP 2006

PTO-1390 (Rev. 07-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER INTERNATIONAL APPLICATION NO. U.S. APPLICATION NO. (if known, see 37 CFR 1.5) MC1-8344 PCT/GN2005/050033 20. Other items or information: **PTO USE ONLY CALCULATIONS** The following fees have been submitted Basic national fee (37 CFR 1.492(a)).....\$300 \$300.00  $\boxtimes$ 21. \$200.00 Examination fee (37 CFR 1.492(c)) 図 22. If the written opinion prepared by ISA/US or the international preliminary examination report prepared by All other situations.....\$200 \$400.00 Search fee (37 CFR 1.492(b))  $\boxtimes$ 23. If the written opinion of the ISA/US or the International preliminary examination report prepared by Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB......\$400 All other situations......\$500 900.00 TOTAL of 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction **RATE Total Sheets** Extra Sheets thereof (round up to a whole number) \$0 x \$250 0/50 =48-100= Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after \$130.00 the date of commencement of the national stage (37 CFR 1.492(h)). \$ RATE NUMBER FILED **NUMBER EXTRA** CLAIMS \$50.00 x \$50 21-20= 1 **Total Claims** \$400.00 2 x \$200 Independent Claims 5-3= MULTIPLE DEPENDENT CLAIM(S) (if applicable) \$0 0 + \$360 \$1,480.00 TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  $\boxtimes$ \$740.00 SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). \$740.00 TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$740.00 TOTAL FEES ENCLOSED = Amount to be refunded: Amount to be charged

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PTO-1390 (Rev. 07-2005)

PTO-1390 (

a.3	$\boxtimes$	A check in the amount of \$740.00 to cover the above fees is enclosed.  Please charge my Deposit Account No. 20-0090 in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.			
b.					
c.		The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-0090. A duplicate copy of this sheet is enclosed.			
d.		Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should rebe included on this form. Provide credit card information and authorization on PTO-2038.			
NO resi	TE: Where an	n appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and gran ational Application to pending status.			
SER	ND ALL CORRES	SPONDENCE TO:  Charling			
	ROLLI, SUNDHEI & TUMMINO,	LLP			
1300 EAST NINTH STREET, SUITE 1700 CLEVELAND, OH 44114					
PH	ONE: (216) 621 x: (216) 621	-4072			
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